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Report from Manila—Vital statistics.

MANILA, P. I., *April 24, 1901.*

SIR: I have the honor to transmit for your information the inclosed report of vital statistics of Manila, P. I., for the month of March, 1901.

Respectfully, J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

Report of vital statistics, Manila, P. I., March, 1901.

Causes of deaths.	By districts.												Total.	Race, sex, and age.												Total.
														Malay.				White.				Mongolian.				
														Male.		Female.		Male.		Female.		Male.		Female.		
	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandecan.		Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	
GENERAL DISEASES.																										
Specific febrile:																										
Bubonic plague	2	18	19	5	5		1					1	51	2	7		2						40			51
Cerebro-spinal meningitis	1			2									3		2	1										3
Influenza	2		1		10	2							15	10	1	3					1					15
Malarial fever—																										
Intermittent	1					2	2	1	2			3	11	1	6	1	3									11
Remittent	3	1						2	1		5		12		11	1										12
Continued	5	1	1		4								11		8	2	1									11
Pernicious	7	1			2					1	3	1	15	1	10	1	3									15
Cachexia	3	1	1	3	1								9		7		2									9
Measles	1						1						2		1								1			2
Typhoid fever	6			1	3				1				11		10		1									11
Diarrheal:																										
Cholera infantum				1									1	1												1
Diarrhea, acute					1		1						2		2											2
Dysentery, acute	1	1	7	2	1							1	13	4	2	1	1						5			13
Dysentery, chronic	3			2	4		1					1	11		6	2	2						1			11
Septic:																										
Trismus neonatorum			2		5	3		1	2				13	7		6										13
Dietetic:																										
Malnutrition	2		1	1	4	4	1	1	1	1			16	10		5	1									16
Inanition						1		1					2	1		1										2
Constitutional:																										
Anæmia	5										1		6		3		2		1							6
Beriberi	20	2	1	1	10	4	1	1	3	1	14	1	59		51		7						1			59
Carcinoma of axilla	1												1				1									1
Leucocythemia							1						1				1									1
Leprosy					3								3		1		2									3
Rheumatism	1		1			2		1			2		7		5		2									7

Tuberculosis—																									
Meningeal				1									1				1								1
Miliary	1			1									2		2										2
Intestinal	1												1				1								1
Pulmonary	24	11	14	7	13	7	7	3	3	4	4		97		55		29		2				11		97
Developmental:																									
Cardiac malformation							1	1	1				3	2		1									3
Marasmus, infantile		1	1	1									3	3											3
Marasmus, senile		2			1	1							4		3		1								4
Still births	1	1	1	1	2		2				1		9	4		5									9
Senility	2			1			3						6		5		1								6
LOCAL DISEASES.																									
Nervous system:																									
Alcoholism, chronic					1								1		1										1
Apoplexy, cerebral		1		5		1							7		3		3						1		7
Cerebral congestion	3				2		1		3				9	2	5		1						1		9
Convulsions, infantile	1	21	28	68	11	8	5	5	4	9	5	6	171	87		84									171
Encephalitis					1								1				1								1
Hydrocephalus	1												1		1										1
Meningitis, cerebral	4		7	6	6	5		2	3	1	1		35	12	4	13	4	1			1				35
Meningitis, spinal	1												1		1										1
Myelitis												1	1	1											1
Circulatory system:																									
Angina pectoris	6			4	1	1	1	1					14		8		6								14
Blood vessels—																									
Arterio sclerosis				2									2				2								2
Aneurism of aorta	1				1								2		2										2
Embolism, pulmonary		1											1				1								1
Endocarditis	3		1	4	1						3	1	13		10		3								13
Fatty degeneration of heart	3		1										4		3		1								4
Hypertrophy of heart	5												5		5										5
Valvular disease of heart		2											2		1		1								2
Respiratory system:																									
Asthma	1	1	1		1								4		4										4
Bronchitis, acute	3	1	11	10	6	1	3		2	1	1		39	14	6	18	1								39
Bronchitis, chronic	2			6	1		1		2			2	14		6		7						1		14
Laryngitis, acute							2		2				4	1	1	2									4
Laryngitis, chronic									1			1	2		1	1									2
Pharyngitis, chronic	1			1									2		1		1								2
Pleurisy, acute	6			1									7		6		1								7
Pneumonia	9			1	1		1						12		8		3						1		12
Pulmonary congestion	2			1									3		2		1								3
Pulmonary hemorrhage				1									1		1										1
Digestive system:																									
Appendicitis		1											1		1										1
Enteritis, acute	1	1		5		1							8	3	2	2	1								8
Enteritis, chronic	4		2	10		1	2		2				21	6	10	4	1								21
Entero-colitis, acute				1	1		1	3				1	7	4		2	1								7
Entero-colitis, chronic	4	1		2	4		1		1				13	5	2	3	2						1		13
Gastric ulcer	2												2		2										2
Intussusception, intestinal		1		1									2	1	1										2

Report of vital statistics, Manila, P. I., March, 1901—Continued.

Causes of deaths.	By districts.												Total.	Race, sex, and age.												Total.
														Malay.				White.				Mongolian.				
														Male.		Female.		Male.		Female.		Male.		Female.		
	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandecan.		Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	
LOCAL DISEASES—Continued.																										
Digestive system—*Continued.*																										
Gastritis, acute	3		1	2					1			2	9	3	2	4										9
Gastritis, chronic	2	1		2			1		4			2	12	2	3	5	1						1			12
Gastro-enteritis, acute	3				1	1	1				1	1	8	1	3	2	2									8
Gastro-enteritis, chronic	5		1		2				3		1		12	2	7		3									12
Hernia				1									1	1												1
Liver—																										
Cirrhosis of	3			2						1			6		4		1						1			6
Inflammation of	3												3		3											3
Absorbent and glandular system: Lymphadenoma										1			1								1					1
Urinary system:																										
Cystitis, chronic								1					1				1									1
Nephritis, acute		1						1					2				2									2
Reproductive system:																										
Abortion								1					1				1									1
Childbirth, hemorrhage					1								1				1									1
Pelvic peritonitis, traumatic	1												1		1											1
Accidents and violence:																										
Poisoning, suicidal		1											1										1			1
Homicide			1	1					1		1		4		4											4
Fracture of skull			2		1								3		2								1			3
Hanging, judicial execution											5		5		5											5
Drowning				1									1		1											1
Total	176	74	106	168	112	45	42	26	43	20	48	25	885	191	331	170	118	1	3		3		68			885

Deaths by nationalities.

Filipinos	810
Spanish	5
American	1
German	1
Chinese	68
Total	885

Number of deaths with medical attendance	428
Number of deaths without medical attendance	457
Total	885

Vaccine institute—Vaccine virus issued during month ended March 31, 1901.

	Units
Army	9,200
Navy	12,200
Inhabitants of the archipelago (excluding Manila)	132,000
Inhabitants of Manila	19,300
Total	172,700

Number of young carabaos used in preparation of virus 11

Vaccinations, March, 1901.

	Children.	Adults.	Total.		Children.	Adults.	Total.
Walled City	155	2,581	2,736	Sampaloc	385	237	622
Binondo	305	2,840	3,145	Paco	665	1,530	2,195
San Nicolas	156	639	795	Ermita	126	754	880
Tondo	692	311	1,003	Malate	126	754	880
Santa Cruz	208	1,754	1,962				
Quiapo	301	1,458	1,759	Total	3,207	13,157	16,364
San Miguel	88	299	387				

Division of inspection.

Number of inspections and reinspections	23,393
Number of complaints by citizens	25
Number of adverse reports made by inspectors	317
Number of notices served	414
Legal proceedings instituted for noncompliance with notice served	20
Number of permits issued to clean vaults, drains, etc.	355
Number of houses in which rat poison was distributed (prevent spread of bubonic plague)	1,456
Houses disinfected	192
Premises cleaned	355

Comparative statement of bubonic plague for month ended March 31, 1900 and 1901.

Nationality.	Cases remaining from Feb., 1901.	March, 1901.				Nationality.	Cases remaining from Feb., 1900.	March, 1900.			
		New cases.	Deaths.	Discharged.	Remaining.			New cases.	Deaths.	Discharged.	Remaining.
American	0	0	0	0	0	American	0	0	0	0	0
Filipino	3	14	11	2	4	Filipino	2	12	10	2	2
Spanish	0	0	0	0	0	Spanish	0	0	0	0	0
Chinese	5	49	40	1	13	Chinese	10	52	38	6	18
Total	8	63	51	3	17	Total	12	64	48	8	20

Comparative statement of smallpox for month ended March 31, 1900 and 1901.

Nationality.	Cases remaining from Feb., 1901.	March, 1901.				Nationality.	Cases remaining from Feb., 1900.	March, 1900.			
		New cases.	Deaths.	Discharged.	Remaining.			New cases.	Deaths.	Discharged.	Remaining.
American	0	0	0	0	0	American	1	1	1	1	0
Filipino	4	75	0	58	21	Filipino	5	13	0	9	9
Spanish	0	0	0	0	0	Spanish	1	0	0	1	0
Chinese	4	2	0	0	2	Chinese	0	0	0	0	0
Total	8	77	0	58	23	Total	7	14	1	11	9

Comparative mortality from October 1, 1899, to March 31, 1901, with corresponding period previous years.—Based on estimated population of 300,000.

Month.	1899.		1900.		1901.	
	Deaths.	Annual death rate per 1,000.	Deaths.	Annual death rate per 1,000.	Deaths.	Annual death rate per 1,000.
October	1,184	47.36	961	38.44	.....	.....
November	1,235	49.40	976	39.04	.....	.....
December	1,162	46.48	905	36.20	.....	.....
January	.....	.....	1,055	42.20	753	30.12
February	.....	.....	884	35.36	689	27.56
March	.....	.....	887	35.48	885	35.40

Summary of statistics of births and deaths.

Population (estimated)	300,000
Mortality for the month of March	885
Annual death rate per 1,000 for month of March	35.40
Births reported (*a*)	393
Annual birth rate (based on reports)	15.72
Annual death rate per 1,000 for year ended December 31, 1900	34.47

a Incomplete.